



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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May 10, 1996

Greg Hawkins  
Mine Manager  
Brush Wellman Incorporated  
P.O. Box 815  
Delta, Utah 84624

Re: Approval of Amendment to Mine Blue Chalk North #2, Brush Wellman, Topaz Mine, M/023/003, Juab County, Utah

Dear Mr. Hawkins:

Thank you for notifying the Division of changes in the sequences of mining the Monitor and Blue Chalk Deposits. We believe that this is a minor amendment to your approved mining and reclamation plan and have processed it as such. The enhanced design of the mine development plan allows Brush Wellman to realize improved backfilling of the Blue Chalk North #1, #2, and Monitor #3 pits. Backfilling of these pits was not part of the originally approved mining and reclamation plan. We commend your efforts to improve your overall reclamation of the area.

The amendment will involve the following sequencing and disturbance changes.

1. A slight increase in area disturbed in the Blue Chalk North #2 pit from 10.65 acres to 13 acres.
2. A change in mine development sequencing, where the Blue Chalk North #2 (13 acres) will now be mined first, followed by the Blue Chalk South #2 (12.88 acres).
3. A second change in mine sequencing, wherein the Monitor #3 pit will be mined first, rather than the Monitor #1 pit (which was originally proposed to be mined starting in 1993).



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The advantages of this amendment are as follows:

1. Allows for backfilling on a faster schedule.
2. Waste rock from the Blue Chalk North #2 pit will be used to backfill the existing Blue Chalk North #1 pit. Any remaining waste rock will be placed on the existing Blue Chalk dump.
3. Enhanced backfilling in the north to south mine development sequence of the Monitor pits, (i.e., waste rock from the Monitor #2 pit will be used to backfill the Monitor #1 pit).

Thank you for your submittal. Because this proposal is not considered a substantive change to the Division's approved Mining and Reclamation Plan, no surety bond adjustment will be required at this time. Approval is hereby granted for the changes outlined in this amendment. As always, you will still need to satisfy the permitting requirements of the BLM before our approval of this amendment is effective. If you have any questions or concerns, please do not hesitate to call. We look forward to our upcoming inspection of the mine this June.

Sincerely,



D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

jb  
cc: Michael Jackson, BLM, Richfield DO  
Rex Rowley, BLM, House Range RA  
Lowell Braxton, DOGM  
Minerals Staff (route)

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